

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION

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Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

X-12448
706-0029

Illinois Commerce Commission
RAIL SAFETY SECTION
Date: June 28, 2006

To the ILLINOIS COMMERCE COMMISSION:

The petitioner Norfolk Southern Railway Company shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes an application for authority to make a major change in crossing protection or to install new protection under 92 Illinois Administrative Code 1535.400(d) adopted by this Commission.
- (3) That the location of the crossing, nature of protection now established and proposed protection to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are to:

Modify Crossing Control Shelter and Train Detection Equipmentat: Jefferson Street in Springfield, Sangamon County, Illinois, MP. DH-414.16, DOT: 479-328FFile No. 061-04.0139Project No. 04.0570

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for a hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to the crossing protection.

Norfolk Southern Railway Company

By R. H. Ray
R. H. Ray, Administrator
Highway Grade Crossings

Thomas W. Ambler
(Attorney for Petitioner)

Norfolk Southern Corporation
Three Commercial Place
Norfolk, VA 23510-2191
(Attorney's Address)

DOCKETED

1. Name of Railroad Company: Norfolk Southern Railway Company
2. Crossing Number: 479 328F
3. Village or City: Springfield
4. Name of Street or Highway: Jefferson
5. Public Agency Maintaining Highway: City
6. Protection now established:
- Railroad Crossing Flashing Light Signals and Gates on single track.
-
-
-
7. Protection desired:
- Automatic Flashing Light Warning Devices with Gates and Bells. Train Detection Equipment
- controlled by Constant Warning Time Circuitry on Single Track.
-
-
8. Number of main tracks One Other tracks None
9. Number of passenger movements:
- 6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
10. Number of freight train movements:
- 6 a.m. to 6 p.m. Nine 6 p.m. to 6 a.m. Thirteen
11. Approximate number of switch movements:
- 6 a.m. to 6 p.m. Six 6 p.m. to 6 a.m. Two
12. Maximum speed of trains at crossing on each track in each direction:
- North/East 40 M.P.H. Single Main Track
- South/West 40 M.P.H. Single Main Track
13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements

daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

10600 A.A.D.T.

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (side lights, cantilevers, etc., if any).
- (e) Show the length of each operating track section within the control limits of the crossing protection and its function.

ADDITIONAL INFORMATION

Drawing attached for question no. 16

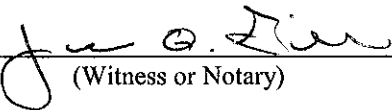
VERIFICATION

I, R. H. Ray, first being duly sworn upon oath depose and say that I am
Administrator - Highway Grade Crossings, of Norfolk Southern Railway Company, a
Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the
contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon
information and belief, and as to those, I believe same to be true.



Administrator - Highway Grade Crossings

Subscribed and sworn to before me this 28 th.
day of June, 20 06.



(Witness or Notary)

Notary Public - Georgia

My Commission Expires: _____



29-Jun-06

Detailed Estimate for Grade Crossing Warning Devices

City/State: SPRINGFIELD, IL
MilePost: DH-414.16
State Proj. No.:
S&E Proj. No.: 04.0570
Man Days: 0

Road: JEFFERSON ST.
DOT/AAR: 479328F
County: SANGAMON
AFE: F03177
File Number: 061-04.0139

Purchases - Others		
Meals and Lodging:	\$0.00	
Rental of Equipment:	\$0.00	
(2 Trucks, 1 Backhoe w/ Trailer		
Construction Supervision Vehicle:	\$0.00	
Purchases - Other Total:		\$0.00
Material And Additives		
Material Cost:	\$25,174.00	
Sales and Use Tax:	\$1,259.00	
Material Handling Freight:	\$1,258.70	
Material Total:		\$27,691.70
Labor And Additives		
Labor Cost:	\$0.00	
(4 man crew at \$968.00 a day for: 0 days)		
Payroll Tax & Overheads:	\$0.00	
Preliminary Engineering:	\$9,000.00	
Construction Supervision:	\$0.00	
Labor Total:		\$9,000.00
Project Cost:		\$36,691.70
Scrap / Salvage Credit:		\$0.00
Project Total:		\$36,691.70

Estimated on: 29-Jun-06

Estimated by: NHJFH

Estimate valid for 1 year from date of estimate



Norfolk Southern Railway
Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	SPRINGFIELD
Road:	JEFFERSON ST.
Mile Post:	DH-414.16
Drawing Number:	SFDH41416
State Project Number:	
County:	SANGAMON
A A R Number:	479328F
Project Number:	04.0570
File Number:	061-04.0139
A F E Number:	F03177
Store Number:	
Supervisor:	D.J. HOLLINGSEAD
Tax Code:	1200
Vendor to supply the following copies after pricing: 1 Set - Material Management with original Invoice 2 Sets - with plans shipped in car with material 1 Set - S&E Gen. Supt. Construction w/copy of invoice	

Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date Quan.	Quantity Returned (Credit)	Special Instructions
400	465-292862-4	LF	\$1.04	\$416.00	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR				
600	465-942483-4	LF	\$2.36	\$1,416.00	CABLE, UG 19 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL				
80	165-544477-4	FT	\$2.55	\$204.00	CONDUIT, 4"x10" PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4				
2	670-090450-4	EA	\$50.38	\$100.76	CONNECTOR, WELDED FAR RAIL HARMON A1000-2W				
2	670-486646-4	EA	\$41.62	\$83.24	CONNECTOR, WELDED NEAR RAIL HARMON A1000-1W				
1	670-986650-4	EA	\$375.69	\$375.69	DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING X'ING EQUIPMENT CONTAINER				
1	670-000004-4	EA	\$700.00	\$700.00	FCC LICENSE FOR MONITOR/RADIO				
1	670-705267-4	EA	\$43.57	\$43.57	INDUCTOR, SIMULATED TRACK SAFETRAN 8V617-500				
1	670-000001-4	EA	\$316.23	\$316.23	MISC. MATERIAL				
2	670-700469-4	EA	\$1,240.83	\$2,481.66	MODULE, MULTI FREQUENCY ISLAND SAFETRAN #80211 FOR 3000GCP				
1	670-535383-4	EA	\$11,754.00	\$11,754.00	PREDICTOR, DUAL FREQ, GRADE CROSSING 3000D2 1 TRACK, SAFETRAN #80110-101-0 DUAL UNIT, NO ISLAND				
2	670-215166-4	EA	\$21.98	\$43.96	RELAY, (AC INTERRUPT FOR SEARII) POTTER & BRUMFIELD 120V AC KUMP-14A18-120 SAFETRAN P/N T18354				
2	670-218934-4	EA	\$20.62	\$41.24	RELAY, (AC INTERRUPT FOR SEARII) POTTER & BRUMFIELD 12V DC KUMP-14D18-12 SAFETRAN P/N T18353				
1	670-391911-4	EA	\$5,329.57	\$5,329.57	SEARII AUTOMATED INSPECTOR SYSTEM KIT, w/ 1-ILOD, 1-eBELL, 2-GTS, 2-MTSS, 1-GFT, 1-VHFC, 2-RECORDER INTERFACE MODULE, 1-ECHELON CONNECTOR				
1	670-085658-4	EA	\$373.00	\$373.00	SEARII, (ILOD) - INTELLIGENT LAMP OUT DETECTOR, SAFETRAN P/N A80271, 1 / 20 AMP SSCC, 2 / 40 AMP SSCC				
2	670-303385-4	EA	\$21.63	\$43.26	SEARII, BRACKET FOR MOUNTING MINITRACK SIDE SENSOR IN SAFETRAN GATE MECHANISM, (S-20 & S-40) INCLUDES ALL MOUNTING HARDWARE, SAFETRAN P/N 074035-X8				

APPROVED BY STATE	APPROVED BY RAILROAD	CAR NUMBER	SEAL NUMBER
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Location: SPRINGFIELD			IL	S&E Proj. No.: 04.0570	AFE No.: F03177	Drawing No.: SFDH41416			
Store No.:				P.O.Number:	Date Required:	Date Shipped:			
						Vendor: SW Signal Engineering Company			
Qty.	Class-Item-CD	U	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed. Date Quan.	Quantity Returned (Credit)	Special Instructions
1	670-102061-4	EA	\$401.00	\$401.00	SEARII, EBELL, CROSSING BELL INCLUDES BELL SENSOR FOR SEAR MONITORING SAFETRAN 8000-80301-0002				
2	670-586967-4	EA	\$37.68	\$75.36	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT				
2	670-688850-4	EA	\$370.27	\$740.54	SHUNT, MULTI-FREQ. #62775-3497 SAFETRAN NARROW BAND				
500	465-999111-4	LF	\$0.29	\$145.00	WIRE, NO.10, 1 CONDUCTOR, CASE, FLEXIBLE 37 STRAND, 3/64 IN. INSULATION-ORDER EXT.AMT. NEEDED CR 02-620502				
500	465-999161-4	LF	\$0.18	\$90.00	WIRE, NO.16, 1 CONDUCTOR, CASE, FLEXIBLE, 19 STRAND, 2/64 IN. INSULATION CR 02-620254				

Total Material: \$25,174.08

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Thursday, June 29, 2006 8:46 AM